

11-28-03

1646



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: BECKER, *et al.*

Serial No.: 10/608,397
 Conf. No.: 6501
 Customer No.: 24961

Filed: June 26, 2003

For: *SINGLE NUCLEOTIDE
 POLYMORPHISMS AND MUTATIONS
 ON ALPHA-2-MACROGLOBULIN*

Art Unit: 1646

Examiner: Unassigned

CERTIFICATE OF MAILING BY "EXPRESS MAIL"
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 P.O. Box 1450
 Alexandria, VA 22313-1450

11/25/03
 Date

Jonathan Ong

TRANSMITTAL LETTER

Commissioner for Patents
 PO Box 1450
 Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith are an Information Disclosure Statement and Form-PTO 1449 (18 pages) for filing in connection with the above-identified application. Because this Information Disclosure Statement is filed prior to receipt of a First Office Action on the merits in the above-identified application, no fee is due. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No. 50-1213, as stated below:

[X] The Commissioner is hereby authorized to charge any fees that may be due under 37 C.F.R. §§1.16-1.17 in connection with this paper or with this application during its entire pendency to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

Respectfully submitted,
 HELLER, EHRMAN, WHITE & McAULIFFE LLP

By:

Stephanie L. Seidman
 Stephanie L. Seidman
 Registration No. 33,779

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**INFORMATION DISCLOSURE STATEMENT IN ACCORDANCE
WITH 37 C.F.R. §§ 1.97-1.98**

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Because this Information Disclosure Statement is filed prior to receipt of a First Office Action on the Merits for the above-captioned application, a fee for filing this statement should not be due. If, however, it is determined that a fee is due, any fees that may be due in connection with filing this paper may be charged to Deposit Account No. 50-1213.

In accordance with the duty of disclosure imposed by 37 C.F.R. §1.56 to inform the Patent Office of all references known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §§1.97-1.98. Form PTO-1449 (18 pages) is provided herewith in connection with the above-captioned application.

U.S.S.N. 10/608,397

BECKER, *et al.*

INFORMATION DISCLOSURE STATEMENT

The cited documents listed on Form PTO-1449 are not provided herewith as they have been previously provided in connection with U.S. Serial No. 10/292,081, which is relied upon for an earlier filing date in accordance with 35 U.S.C. §120.

The documents cited on the Forms PTO-1449 are in the English language except for Items BJ, BL, and BX. Items BJ, BL, and BX (French Patent No. FR 2650840, International PCT application Nos. WO 91/02087 and WO 98/01579, respectively) are in the French language and are supplied with English language Derwent abstracts (Items DJ, DK, and DI, respectively). Hence, in accordance with the requirements of 37 C.F.R. §1.98, as amended effective March 16, 1992, no further explanation of the listed items is necessary.

Applicant also makes known to the Office the following U.S. and international applications, which are commonly owned and/or have one or more inventors in common with the instant application.

U.S.S.N.	Filing Date	Publication No. or Issue No.	Publication or Issue Date	Docket No.
09/814,179	03/22/01	2002-0015941	02/07/02	3301
10/342,844	01/13/03			3307
10/282,174	10/25/02			3308
10/600,009	06/18/03			3308B
10/281,456	10/25/02	2003-0170678	09/11/03	3312
10/292,081	11/08/02	2003-0162202	08/28/03	3323

Int'l App. No.	Filing Date	Publication No.	Publication Date	Docket No.
PCT/US00/20138	07/25/00	WO 01/71351	09/27/01	3301PC
PCT/US03/26409	08/20/03			3307PC

U.S.S.N. 10/608,397
BECKER, *et al.*
INFORMATION DISCLOSURE STATEMENT

Int'l App. No.	Filing Date	Publication No.	Publication Date	Docket No.
PCT/US02/34679	10/25/02	WO 03/054143	07/03/03	3308PC
PCT/US03/26173	08/20/03			3316PC
PCT/US02/36095	11/08/02	WO 03/051174	06/26/03	3323PC

Although these documents are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the references, singly or in any combination thereof, is effective as prior art against the subject application. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

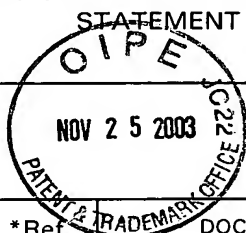
Applicant respectfully requests that the Examiner review the foregoing references and make them of record in the file history of the above-captioned application.

Respectfully submitted,
HELLER, EHRMAN, WHITE & McAULIFFE LLP

By: 
Stephanie L. Seidman
Registration No. 33,779

Attorney Docket No. 37481-3323B
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FORM PTO-1449

ATTY. DOCKET NO.
37481-3323BSERIAL NO.
10/608,397CONFIRM NO.
6501LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSUREAPPLICANT
Becker, *et al.*CUSTOMER NO.
24961FILING DATE
June 26, 2003GROUP
1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
	A	20	02	00	28	4	6	2	03/07/02 A1	Tanzi <i>et al.</i>	435	6	08/10/01
	B	20	02	01	14	7	9	2	08/22/02 A1	Tanzi <i>et al.</i>	424	93.21	01/23/02
	C	4	2	1	5	0	5	1	07/29/80	Schroeder <i>et al.</i>	260	346.7	08/29/79
	D	4	3	7	6	1	1	0	03/08/83	David <i>et al.</i>	436	513	08/04/80
	E	4	4	8	6	5	3	0	12/04/84	David <i>et al.</i>	435	7	06/24/81
	F	4	6	5	6	1	2	7	04/07/87	Mundy	435	6	04/23/84
	G	4	6	8	3	1	9	5	07/28/87	Mullis <i>et al.</i>	435	6	02/07/86
	H	4	6	8	3	2	0	2	07/28/87	Mullin	435	91	10/25/85
	I	4	8	1	8	5	4	0	04/04/89	Chien <i>et al.</i>	424	448	08/29/86
	J	4	8	7	3	1	9	1	10/10/89	Wagner <i>et al.</i>	435	172.3	08/18/86
	K	4	9	0	8	7	7	3	03/13/90	Pantoliano <i>et al.</i>	364	496	04/06/87
	L	4	9	4	6	7	7	8	08/07/90	Ladner <i>et al.</i>	435	69.6	01/19/89
	M	4	9	6	5	1	8	8	10/23/90	Mullis <i>et al.</i>	435	6	06/17/87
	N	4	9	8	8	6	1	7	01/29/91	Landegren <i>et al.</i>	435	6	03/25/88
	O	5	1	4	3	8	5	4	09/01/92	Pirrung <i>et al.</i>	436	518	03/07/90
	P	5	2	9	0	6	7	8	03/01/94	Jackowski	435	7.4	05/03/91
	Q	5	3	2	2	7	7	0	06/21/94	Gelfand	435	6	12/22/89
	R	5	3	3	1	5	7	3	07/19/94	Balaji <i>et al.</i>	364	500	12/14/90
	S	5	4	1	2	0	8	7	05/02/95	McGall <i>et al.</i>	536	24.3	04/24/92
	T	5	5	3	6	8	5	0	07/25/95	Eisenberg <i>et al.</i>	364	496	03/28/94
	U	5	5	4	7	8	3	5	08/20/96	Köster	435	6	01/06/94
	V	5	5	5	7	5	3	5	09/17/96	Srinivasan <i>et al.</i>	364	496	04/28/94
	W	5	5	7	1	6	7	6	11/05/96	Shuber	435	6	06/07/95

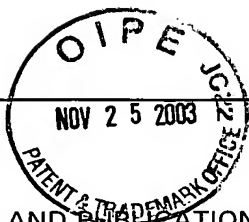
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Title: **SINGLE NUCLEOTIDE POLYMORPHISMS AND MUTATIONS ON ALPHA-2-MACROGLOBULIN**

FORM PTO-1449



LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

ATTY. DOCKET NO.
37481-3323B

SERIAL NO.
10/608,397

CONFIRM NO.
6501

APPLICANT
Becker, *et al.*

CUSTOMER NO.
24961

FILING DATE
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GROUP
1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
	X	5	5	8	0	7	3	2	12/03/96	Grossman <i>et al.</i>	435	6	08/26/94
	Y	5	5	8	5	2	3	6	12/17/96	Bonn <i>et al.</i>	435	5	11/17/93
	Z	5	5	9	3	8	2	6	01/14/97	Fung <i>et al.</i>	435	6	04/16/93
	AA	5	6	0	4	1	0	5	02/18/97	Jackowski	435	7.4	04/11/95
	AB	5	6	0	5	7	9	8	02/25/97	Köster	435	6	03/17/95
	AC	5	6	2	2	8	2	4	04/22/97	Köster	435	6	02/10/95
	AD	5	6	9	1	1	4	1	11/25/97	Köster	435	6	06/06/95
	AE	5	7	1	0	0	0	8	01/20/98	Jackowski	435	7.4	10/22/96
	AF	5	7	4	4	3	5	8	04/28/98	Jackowski	435	7.4	09/05/96
	AG	5	7	4	7	2	7	4	05/05/98	Jackowski	435	7.94	09/05/96
	AH	5	7	9	5	9	7	6	08/18/98	Oefner <i>et al.</i>	536	25.4	08/08/95
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	AL	5	8	7	3	0	5	2	02/16/99	Sharaf	702	20	11/06/96
	AM	5	8	8	4	2	3	0	03/16/99	Srinivasan <i>et al.</i>	702	22	06/14/96
	AN	5	8	8	5	7	7	9	03/23/99	Sadowski <i>et al.</i>	435	6	09/09/97
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	AQ	6	0	0	4	7	4	4	12/21/99	Goelet <i>et al.</i>	435	5	10/11/91
	AR	6	0	2	4	8	7	8	02/15/00	Gjerde <i>et al.</i>	210	635	10/30/98
	AS	6	0	3	0	7	7	8	02/29/00	Aeton <i>et al.</i>	435	6	07/10/97
	AT	6	0	4	3	0	3	1	03/28/00	Köster <i>et al.</i>	435	6	03/18/96
	AU	6	0	7	4	8	2	3	06/13/00	Köster	435	6	11/06/96

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	AV	6	0	9	0	6	2	0	07/18/00	Fu <i>et al.</i>	435	325	12/27/96
	AW	6	1	0	8	6	3	5	08/22/00	Herren <i>et al.</i>	705	2	04/30/97
	AX	6	1	3	3	4	3	6	10/17/00	Köster <i>et al.</i>	536	24.3	09/19/97
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	BB	6	2	0	1	1	0	7	03/13/01 B1	Lap-Chee <i>et al.</i>	530	387.1	06/06/95
	BC	6	2	1	0	8	8	5	04/03/01 B1	Gjerde <i>et al.</i>	435	6	10/09/98
	BD	6	2	6	5	5	4	6	07/24/01 B1	Cohen <i>et al.</i>	530	350	06/23/99
	BE	6	3	0	3	3	0	7	10/16/01 B1	Lee	435	6	04/23/99
	BF	6	3	4	2	3	5	0	01/29/02 B1	Tanzi <i>et al.</i>	435	6	09/04/98
	BG	6	4	7	2	1	4	0	10/29/02 B1	Tanzi <i>et al.</i>	435	4	02/02/99

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No	
	BH	0	0	4	6	2	4	6	08/10/00 A1	PCT				
	BI	0	3	3	2	4	3	5	09/13/89 B2	EP				
	BJ	2	6	5	0	8	4	0	02/15/91 A1	FR				X*
	BK	9	0	1	5	0	7	0	12/13/90 A1	PCT				

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													Yes	No
	BL	9	1	0	2	0	8	7	02/21/91 A1	PCT				X*
	BM	9	1	1	3	0	7	5	09/05/91 A2	PCT				
	BN	9	2	1	0	0	9	2	06/25/92 A1	PCT				
	BO	9	2	1	5	7	1	2	09/17/92 A1	PCT				
	BP	9	4	1	0	3	0	7	05/11/94 A1	PCT				
	BQ	9	4	1	1	5	3	0	05/26/94 A1	PCT				
	BR	9	4	1	6	1	0	1	07/21/94 A2	PCT				
	BS	9	4	2	1	8	2	2	09/29/94 A1	PCT				
	BT	9	5	1	1	9	9	4	05/04/95 A1	PCT				
	BU	9	6	2	9	4	3	1	09/26/96 A3	PCT				
	BV	9	7	2	9	2	1	2	08/14/97 A1	PCT				
	BW	9	7	3	1	2	5	6	08/28/97 A2	PCT				
	BX	9	8	0	1	5	7	9	01/15/98 A1	PCT				X*
	BY	9	8	2	0	0	1	9	05/14/98 A1	PCT				
	BZ	9	8	2	0	1	6	6	05/14/98 A2	PCT				
	CA	9	8	2	8	4	3	2	07/02/98 A1	PCT				

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FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 37481-3323B	SERIAL NO. 10/608,397	CONFIRM NO. 6501
	APPLICANT Becker, <i>et al.</i>	CUSTOMER NO. 24961	
	FILING DATE June 26, 2003	GROUP 1646	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation	
		9	9	1	1	8	2	4					Yes	No
	CB	9	9	1	1	8	2	4	03/11/99 A1	PCT				

X* = An English language Derwent abstract is provided.

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	CC	Allen <i>et al.</i> , "The Cambridge Crystallographic Data Centre: Computer-Based Search, Retrieval, Analysis and Display of Information", <i>Acta Cryst.</i> B35 :2331-2339 (1979)
	CD	Altschul <i>et al.</i> , "Basic Local Alignment Search Tool", <i>J. Mol. Biol.</i> , 215 :403-410 (1990)
	CE	Armstrong <i>et al.</i> , "A Phase I Study of Chemically Synthesized Verotoxin (Shiga-like Toxin) Pk-Trisaccharide Receptors Attached to Chromosorb for Preventing Hemolytic-Uremic Syndrome", <i>J. Infectious Diseases</i> 171 :1042-1045 (1995)
	CF	Askew <i>et al.</i> , "Molecular Recognition with Convergent Functional Groups. 6. Synthetic and Structural Studies with a Model Receptor for Nucleic Acid Components", <i>J. Am. Chem. Soc.</i> , 111 :1082-1090 (1989)
	CG	Aszódi <i>et al.</i> "Protein Modeling by Multiple Sequence Threading and Distance Geometry", <i>Proteins: Structure, Function and Genetics, Suppl.</i> 1 :38-42 (1997)
	CH	Avis, K.E., "Parenteral Preparations", <i>Remington's Pharmaceutical Sciences</i> , 15th Edition, Mack Publishing Company, Easton, Pennsylvania, Chp. 84, pp. 1461-1487 (1975)
	CI	Bitter <i>et al.</i> "Expression and Secretion Vectors for Yeast", <i>Meth. Enzymol.</i> , 153 :516-544 (1987)
	CJ	Blacker <i>et al.</i> , "Alpha-2 macroglobulin is genetically associated with Alzheimer disease", <i>Nature Genetics</i> , 19 :357-360 (1998)
	CK	Blacker <i>et al.</i> , "ApoE-4 and Age at Onset of Alzheimer's Disease: The NIMH Genetics Initiative", <i>Neurology</i> , 48 :139-147 (1997)
	CL	Blacker <i>et al.</i> , "Reliability and Validity of NINCDS-ADRDA Criteria for Alzheimer's Disease", <i>Arch. Neurol.</i> , 51 :1198-1204 (1994)
	CM	Blacker <i>et al.</i> , "The Genetics of Alzheimer Disease", <i>Arch Neurol.</i> , 55 :294-296 (1998)
	CN	Borman, S., "New 3-D Search and De Novo Design Techniques Aid Drug Development", <i>Chem. Eng. News</i> , 70 :19-26 (1992)
	CO	Brint <i>et al.</i> , "Upperbound procedures for the identification of similar three-dimensional chemical structures", <i>J. Comput.-Aided Mol. Design</i> , 2 :311-320 (1988)

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CP	Buyse <i>et al.</i> , "Diagnostic Testing for Rett Syndrome by DHPLC and Direct Sequencing Analysis of the MECP2 Gene: Identification of Several Novel Mutations and Polymorphisms", <i>Am. J. Hum. Genet.</i> , <u>67</u> :1428-1436 (2000)
CQ	Cariello <i>et al.</i> , "Resolution of a Missense Mutant in Human Genomic DNA by Denaturing Gradient Gel Electrophoresis and Direct Sequencing Using In Vitro DNA Amplification: HPRT _{Munich} ", <i>Am. J. Hum. Genet.</i> , <u>42</u> :726-734 (1988)
CR	Chien <i>et al.</i> , "The two-hybrid system: A method to identify and clone genes for proteins that interact with a protein of interest", <i>Proc. Natl. Acad. Sci. USA</i> , <u>88</u> :9578-9582 (1991)
CS	Choy <i>et al.</i> , "Superiority of Denaturing High Performance Liquid Chromatography over single-stranded conformation and conformation-sensitive gel electrophoresis for mutation detection in TSC2", <i>Ann. Hum. Genet.</i> , <u>63</u> :383-391 (1999)
CT	Clayton, D., "A Generalization of Transmission/Disequilibrium Test for Uncertain-Haplotype Transmission", <i>Am. J. Hum. Genet.</i> , <u>65</u> :1170-1177 (1999)
CU	Clayton <i>et al.</i> , "Transmission/Disequilibrium Tests for Extended Marker Haplotypes", <i>Am. J. Hum. Genet.</i> , <u>65</u> :1161-1169 (1999)
CV	Cohen <i>et al.</i> , "Emerging Technologies for Sequencing Antisense Oligonucleotides: Capillary Electrophoresis and Mass Spectrometry", <i>Advances in Chromatography</i> , <u>36</u> :127-162 (1996)
CW	Colbère-Garapin <i>et al.</i> , "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells", <i>J. Mol. Biol.</i> , <u>150</u> :1-14 (1981)
CX	Cole <i>et al.</i> , "The EBV-Hybridoma Technique and Its Application to Human Lung Cancer", <i>Monoclonal Antibodies and Cancer Therapy</i> , Alan R. Liss, Inc., New York, New York, pp. 77-96 (1985)
CY	Conner <i>et al.</i> , "Detection of sickle cell β^S -globin allele by hybridization with synthetic oligonucleotides", <i>Proc. Natl. Acad. Sci. USA</i> , <u>80</u> :278-282 (1983)
CZ	Cooper <i>et al.</i> , "A novel approach to molecular similarity", <i>J. Computer-Aided Molecular Design</i> , <u>3</u> :253-259 (1989)
DA	Corder <i>et al.</i> , "Protective Effect of Apolipoprotein E Type 2 Allele for Late Onset Alzheimer Disease", <i>Nature Genetics</i> , <u>7</u> :180-184 (1994)
DB	Cote <i>et al.</i> , "Generation of human monoclonal antibodies reactive with cellular antigens", <i>Proc. Natl. Acad. Sci. USA</i> , <u>80</u> :2026-2030 (1983)

EXAMINER

DATE CONSIDERED

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DC	Cotton <i>et al.</i> , "Reactivity of cytosine and thymine in single-base pair mismatches with hydroxylamine and osmium tetroxide and its application to the study of mutations", <i>Proc. Natl. Acad. Sci. USA</i> , <u>85</u> :4397-4401 (1988)
DD	Cotton, R.G.H., "Current methods of mutation detection", <i>Mutation Res.</i> , <u>285</u> :125-144(1993)
DE	Cronin <i>et al.</i> , "Cystic Fibrosis Mutation Detection by Hybridization to Ligh-Generated DNA Probe Arrays", <i>Human Mutation</i> , <u>7</u> :244-255 (1996)
DF	Cucherat <i>et al.</i> , "EasyMA: A program for the meta-analysis of clinical trials", <i>Computer Methods and Programs in Biomedicine</i> , <u>53</u> (3):187-190 (1997)
DG	Deardorff, D., "Isotonic Solutions", <i>Remington's Pharmaceutical Sciences</i> , 15th Edition, Mack Publishing Company, Easton, Pennsylvania, Chp. 79, pp. 1405-1412 (1975)
DH	Deigner <i>et al.</i> , "Apoptosis Modulators in the Therapy of Neurodegenerative Diseases", <i>Exp. Opin. Invest. Drugs</i> , <u>9</u> (4):747-764 (2000)
DI	Derwent Accession No. 1672579 for French Patent FR 2750705 (WO 98/01579)
DJ	Derwent Accession No. 8541935 for French Patent FR 2650840
DK	Derwent Accession No. 8541935 for PCT Patent WO 91/02087
DL	Döbeli, H., "Rapid drug screening for Alzheimer's", <i>Nature Biotechnology</i> , <u>15</u> :223-224 (1997)
DM	Du <i>et al.</i> , " α_2 -Macroglobulin as a β -Amyloid Peptide-Binding Plasma Protein", <i>J. Neurochem.</i> , <u>69</u> (1):299-305 (1997)
DN	Ellis <i>et al.</i> , "A Comparison of Fluorescent SSCP and Denaturing HPLC for High Throughput Mutation Scanning", <i>Human Mutation</i> , <u>15</u> :556-564 (2000)
DO	Engvall, E., "Enzyme Immunoassay ELISA and EMIT", <i>Meth. Enzymol.</i> , <u>70</u> :419-439 (1980)
DP	Erickson <i>et al.</i> , "Design, Activity, and 2.8 Å Crystal Structure of a C ₂ Symmetric Inhibitor Complexed to HIV-1 Protease", <i>Science</i> , <u>249</u> :527-533 (1990)
DQ	Escary <i>et al.</i> , "Evaluation of DHPLC Analysis in Mutational Scanning of <i>Notch3</i> , a Gene With a High G-C Content", <i>Human Mutation</i> , <u>16</u> (6):518-526 (2000)
DR	Farrer <i>et al.</i> , "Effects of Age, Sex, and Ethnicity on the Association Between Apolipoprotein E Genotype and Alzheimer Disease", <i>JAMA</i> , <u>278</u> (16):1349-1356 (1997)

EXAMINER

DATE CONSIDERED

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24961FILING DATE
June 26, 2003GROUP
.1646

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DS	Farrer <i>et al.</i> , "Transmission and age-at-onset patterns in familial Alzheimer's disease", <i>Neurology</i> , <u>40</u> :395-403 (1990)
DT	Fields <i>et al.</i> , "A novel genetic system to detect protein-protein interactions", <i>Nature</i> , <u>340</u> :245-246 (1989)
DU	Finkelstein <i>et al.</i> "Use of Denaturing Gradient Gel Electrophoresis for Detection of Mutation and Prospective Diagnosis in Late Onset Ornithine Transcarbamylase Deficiency", <i>Genomics</i> , <u>7</u> :167-172 (1990)
DV	Fisher, D.A., "Production of Antibody for Use in Radioimmunoassay", Chap. 42, <u>Manual of Clinical Immunology</u> , 2d Ed. (Rose and Friedman, Eds), Amer. Soc. for Microbiol., Washington, D.C., pp. 339-342 (1980)
DW	Fodor <i>et al.</i> , "Light-Directed, Spatially Addressable Parallel Chemical Synthesis, <i>Science</i> , <u>251</u> :767-773 (1991)
DX	Gasparini <i>et al.</i> , "Restriction site generating-polymerase chain reaction (RG-PCR) for the probeless detection of hidden genetic variation: application to the study of some common cystic fibrosis mutations", <i>Mol. Cell. Probes</i> , <u>6</u> :1-7 (1992)
DY	Gibbs <i>et al.</i> , "Detection of single DNA base differences by competitive oligonucleotide priming", <i>Nucleic Acids Res.</i> , <u>17</u> (7):2437-2448 (1989)
DZ	Giordano <i>et al.</i> , "Identification by Denaturing High-Performance Liquid Chromatography of Numerous Polymorphisms in a Candidate Region for Multiple Sclerosis Susceptibility", <i>Genomics</i> , <u>56</u> :247-253 (1999)
EA	Gordon, J.W., "Transgenic Animals", <i>Int'l. Rev. Cytology</i> , <u>115</u> :171-229 (1989)
EB	Griffin <i>et al.</i> , "DNA Sequencing: Recent Innovations and Future Trends", <i>Appl. Biochem. Biotech.</i> , <u>38</u> :147-159 (1993)
EC	Grompe <i>et al.</i> , "Scanning detection of mutations in human ornithine transcarbamoylase by chemical mismatch cleavage", <i>Proc. Natl. Acad. Sci. USA</i> , <u>86</u> :5888-5892 (1989)
ED	Grompe, M., "The rapid detection of unknown mutations in nucleic acids", <i>Nature Genetics</i> , <u>5</u> :111-117 (1993)
EE	Grundy, S.M., "Role of Low-Density Lipoproteins in Atherogenesis and Development of Coronary Heart Disease", <i>Clin. Chem.</i> , <u>41</u> (1):139-146 (1995)
EF	Gu <i>et al.</i> "Deletion of a DNA Polymerase β Gene Segment in T Cells Using Cell Type-Specific Gene Targeting", <i>Science</i> , <u>265</u> :103-106 (1994)

EXAMINER

DATE CONSIDERED

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EG	Guatelli <i>et al.</i> , "Isothermal, in vitro Amplification of Nucleic Acids by a Multienzyme Reaction Modeled After Retroviral Replication", <i>Proc. Natl. Acad. Sci.</i> , <u>87</u> :1874-1878 (1990)
EH	Hayshi, K., "PCR-SSCP: A Method for Detection of Mutations", <i>GATA</i> , <u>9(3)</u> :73-79 (1992)
EI	Hecker <i>et al.</i> , "Analysis and purification of nucleic acids by ion-pair reversed-phase high-performance liquid chromatography", <i>J. Biochem.</i> , <u>46</u> :83-93 (2000)
EJ	Hodgson, J., "Data-Directed Drug Design", <i>Biotechnology</i> , <u>9</u> :19-21 (1991)
EK	Hofer <i>et al.</i> , "Quantification of intraluminal free [Ca] in the agonist-sensitive internal calcium store using compartmentalized fluorescent indicators: some considerations", <i>Cell Calcium</i> , <u>20(3)</u> :235-242 (1996)
EL	Hoogendoorn <i>et al.</i> "Cheap, accurate and rapid allele frequency estimation of single nucleotide polymorphisms by primer extension and DHPLC in DNA pools", <i>Hum. Genet.</i> , <u>107(5)</u> :488-493 (2000)
EM	Horvath <i>et al.</i> , "A Discordant-Sibship Test for Disequilibrium and Linkage: No Need for Parental Data", <i>Am. J. Hum. Genet.</i> , <u>63</u> :1886-1897 (1998)
EN	Houghten, R.A., "General method for the rapid solid-phase synthesis of large numbers of peptides: Specificity of antigen-antibody interaction at the level of individual amino acids", <i>Proc. Natl. Acad. Sci. USA</i> , <u>82</u> :5131-5135 (1985)
EO	Huber <i>et al.</i> , "High-Resolution Liquid Chromatography of Oligonucleotides on Nonporous Alkylated Styrene-Divinylbenzene Copolymers", <i>Analytical Biochem.</i> , <u>212</u> :351-358 (1993)
EP	Huber <i>et al.</i> , "Mutation detection by capillary denaturing high-performance liquid chromatography using monolithic columns", <i>J. Biochem. Methods</i> , <u>47(1-2)</u> :5-19 (2001)
EQ	Huber <i>et al.</i> , "Rapid Analysis of Biopolymers on Modified Non-Porous Polystyrene - Divinylbenzene Particles", <i>Chromatographia</i> , <u>37(11/12)</u> :653-658 (1993)
ER	Huber <i>et al.</i> , "Rapid and Accurate Sizing of DNA Fragments by Ion-Pair Chromatography on Alkylated Nonporous Poly(styrene-divinylbenzene) Particles", <i>Anal. Chem.</i> , <u>67</u> :578-585 (1995)
ES	Huse <i>et al.</i> , "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", <i>Science</i> , <u>246</u> :1275-1281 (1989)
ET	Hutchison <i>et al.</i> , "Mutagenesis at a Specific Position in a DNA Sequence", <i>J. Biol. Chem.</i> , <u>253(18)</u> :6551-6560 (1978)

EXAMINER

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June 26, 2003GROUP
1646

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EU	Inouye <i>et al.</i> , "Up-promoter in the <i>lpp</i> gene of <i>Escherichia coli</i> ", <i>Nucleic Acids Res.</i> , <u>13(9)</u> :3101-3110 (1985)
EV	Janknecht <i>et al.</i> "Rapid and efficient purification of native histidine-tagged protein expressed by recominant vaccinia virus", <i>Proc. Natl. Acad. Sci. USA</i> , <u>88</u> :8972-8976 (1991)
EW	Jones <i>et al.</i> "Application and evaluation of denaturing HPLC for molecular genetic analysis in tuberous sclerosis", <i>Hum. Genet.</i> , <u>106</u> :663-668 (2000)
EX	Jones <i>et al.</i> , "Optimal Temperature Selection for Mutation Detection by Denaturing HPLC and Comparison to Single-Stranded Conformation Polymorphism and Heteroduplex Analysis", <i>Clinical Chemistry</i> , <u>45(8)</u> :1133-1140 (1999)
EY	Kaler <i>et al.</i> , "Novel Method for Molecular Detection of the Two Common Hereditary Hemochromatosis Mutations", <i>Genetic Testing</i> , <u>4(2)</u> :125-129 (2000)
EZ	Keen <i>et al.</i> , "Rapid detection of single base mismatches as heteroduplexes on Hydrolink gels", <i>Trends Genet.</i> , <u>7</u> :5 (1991)
FA	Khachaturian, Z.S., "Diagnosis of Alzheimer's Disease", <i>Arch Neurol.</i> , <u>42</u> :1097-1105 (1985)
FB	Kinzler <i>et al.</i> , "Identification of a Gene Located at Chromosome 5q21 That is Mutated in Colorectal Cancers", <i>Science</i> , <u>251</u> :1366-1370 (1991)
FC	Klinger <i>et al.</i> , "An Information Technology Architecture for Pharmaceutical Research and Development", <i>Symposium on Computer Applications in Medical Care</i> , IEEE Computer Society, Press, Los Alamitos, CA, pp. 256-260 (1990)
FD	Köhler <i>et al.</i> , "Continuous cultures of fused cells secreting antibody of predefined specificity", <i>Nature</i> , <u>256</u> :495-497 (1975)
FE	Kornher <i>et al.</i> , "Mutation detection using nucleotide analogs that alter electrophoretic mobility", <i>Nucleic Acids Res.</i> , <u>17(19)</u> :7779-7784 (1989)
FF	Kovacs, D.M., " α 2-Macroglobulin in late-onset Alzheimer's disease", <i>Experimental Gerontology</i> , <u>35</u> :473-479 (2000)
FG	Kozal <i>et al.</i> , "Extensive polymorphisms observed in HIV-1 clade B protease gene using high-density oligonucleotide arrays", <i>Nature Medicine</i> , <u>2</u> :753-759 (1996)
FH	Kozbor <i>et al.</i> , "The production of monoclonal antibodies from human lymphocytes", <i>Immunology Today</i> , <u>4(3)</u> :72-79 (1983)

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FI	Kruglyak, L., "The use of genetic map of biallelic markers in linkage studies", <i>Nature Genetics</i> , <u>17</u> :21-24 (1997)
FJ	Kuppuswamy <i>et al.</i> , "Single Nucleotide Primer Extension to Detect Genetic Diseases: Experimental Application to Hemophilia B (Factor IX) and Cystic Fibrosis Genes", <i>Proc. Natl. Acad. Sci.</i> , <u>88</u> :1143-1147 (1991)
FK	Kwoh <i>et al.</i> , "Transcription-based amplification and detection of amplified human immunodeficiency virus type 1 with a bead-based sandwich hybridization format", <i>Proc. Natl. Acad. Sci. USA</i> , <u>86</u> :1173-1177 (1989)
FL	Lakso <i>et al.</i> "Targeted oncogene activation by site-specific recombination in transgenic mice", <i>Proc. Natl. Acad. Sci. USA</i> , <u>89</u> :6232-6236 (1992)
FM	Lam, K.S., "Application of combinatorial library methods in cancer research and drug discovery", <i>Anticancer Drug Res.</i> , <u>12</u> :145-167 (1997)
FN	Landegren <i>et al.</i> , "A Ligase-Mediated Gene Detection Technique", <i>Science</i> , <u>241</u> :1077-1080 (1988)
FO	Lavitrano <i>et al.</i> , "Sperm Cells as Vectors for Introducing Foreign DNA into Eggs: Genetic Transformation of Mice", <i>Cell</i> , <u>57</u> :717-723 (1989)
FP	Leanna <i>et al.</i> , "The reverse two-hybrid system: a genetic scheme for selection against specific protein/protein interactions", <i>Nucleic Acids Res.</i> , <u>24</u> (17):3341-3347 (1996)
FQ	Lewis and Dean, "Automated site-directed drug design: the concept of spacer skeletons for primary structure generation", <i>Proc. R. Soc. Lond.</i> , <u>236</u> :125-140 (1989)
FR	Lewis and Dean, "Automated site-directed drug design: the formation of molecular templates in primary structure generation", <i>Proc. R. Soc. Lond.</i> , <u>236</u> :141-162 (1989)
FS	Liao <i>et al.</i> , "Genetic Association of an α 2-Macroglobulin (Val1000Ile) Polymorphism and Alzheimer's Disease", <i>Human Molecular Genetics</i> , <u>7</u> (12):1953-1956 (1998)
FT	Lipsky <i>et al.</i> , "DNA Melting Analysis for Detection of Single Nucleotide Polymorphisms", <i>Clinical Chemistry</i> , <u>47</u> (4):635-644 (2001)
FU	Liu <i>et al.</i> , "Denaturing HPLC-Identified Novel FBN1 Mutations, Polymorphisms, and Sequence Variants in Marfan Syndrome and Related Connective Tissue Disorders", <i>Genetic Testing</i> , <u>1</u> (4):237-242 (1997/98)
FV	Lizardi <i>et al.</i> , "Exponential Amplification of Recombinant-RNA Hybridization Probes", <i>Biotechnology</i> , <u>6</u> :1197-1202 (1988)

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

FW	Lo, C.W., "Transformation by Iontophoretic Microinjection of DNA: Multiple Integrations Without Tandem Insertions", <i>Mol. Cell Biol.</i> , <u>3</u> (10):1803-1814 (1983)
FX	Logan and Shenk, "Adenovirus tripartite Leader sequence enhances translation of mRNAs late after infection", <i>Proc. Natl. Acad. Sci. USA</i> , <u>81</u> :3655-3659 (1984)
FY	Lowman, H.B., "Bacteriophage Display and Discovery of Peptide Leads for Drug Development", <i>Annu. Rev. Biophys. Biomol. Struct.</i> , <u>26</u> :401-424 (1997)
FZ	Lowy <i>et al.</i> , "Isolation of Transforming DNA: Cloning the Hamster apt Gene", <i>Cell</i> , <u>22</u> :817-823 (1980)
GA	Mantel <i>et al.</i> , "Statistical Aspects of the Analysis of Data From Retrospective Studies of Disease", <i>J. Natl. Cancer Inst.</i> , <u>22</u> :719-748 (1958)
GB	Marshall <i>et al.</i> "Detection of HCV RNA by the Asymmetric Gap Ligase Chain Reaction", <i>PCR Methods and Applications</i> , <u>4</u> :80-84 (1994)
GC	Mathis, G., "Probing Molecular Interactions with Homogeneous Techniques Based on Rare Earth Cryptates and Fluorescence Energy Transfer", <i>Clin. Chem.</i> , <u>41</u> (9):1391-1397 (1995)
GD	Matthijs and Marynen, "A deletion polymorphism in the human alpha-2-macroglobulin (A2M) gene", <i>Nucleic Acids Res.</i> , <u>19</u> (18):5102 (1991)
GE	Maxam <i>et al.</i> , "A new method for sequencing DNA", <i>Proc. Natl. Acad. Sci. USA</i> , <u>74</u> (2):560-564 (1977)
GF	McKhann <i>et al.</i> , "Clinical diagnosis of Alzheimer's disease: Report of the NINCDS-ADRDA Work Group under the auspices of Department of Health and Human Services Task Force on Alzheimer's Disease", <i>Neurology</i> , <u>34</u> :939-944 (1984)
GG	McKinlay, M.A., "Rational Design of Antiviral Agents", <i>Annu. Rev. Pharmacol. Toxicol.</i> , <u>29</u> :111-122 (1989)
GH	Merrifield, R.B., "Solid Phase Peptide Synthesis. I. The Synthesis of a Tetrapeptide", <i>J. Am. Chem. Soc.</i> , <u>85</u> :2149-2154 (1963)
GI	Modrich, P., "Mechanisms and Biological Effects of Mismatch Repair", <i>Annu. Rev. Genet.</i> , <u>25</u> :229-253 (1991)
GJ	Morrison <i>et al.</i> "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains", <i>Proc. Natl. Acad. Sci. USA</i> , <u>81</u> :6851-6855 (1984)

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

GK	Mulligan and Berg, "Selection for animal cells that express the <i>Escherichia coli</i> gene coding for xanthine-guanine phosphoribosyltransferase", <i>Proc. Natl. Acad. Sci. USA</i> , <u>78</u> :2072-2076 (1981)
GL	Myers <i>et al.</i> , "Detection of single base substitutions in total genomic DNA", <i>Nature</i> , <u>313</u> :495-498 (1985)
GM	Myers <i>et al.</i> , "Detection of Single Base Substitutions by Ribonuclease Cleavage at Mismatches in RNA:DNA Duplexes", <i>Science</i> , <u>230</u> :1242-1246 (1985)
GN	Myllykangas <i>et al.</i> , "Genetic Association of α_2 -Macroglobulin with Alzheimer's Disease in a Finnish Elderly Population", <i>Annals of Neurology</i> , <u>46</u> (3):382-390 (1999)
GO	Naeve <i>et al.</i> , "Accuracy of Automated DNA Sequencing: A Multi-Laboratory Comparison of Sequencing Results", <i>Biotechniques</i> , <u>19</u> (3):448-453 (1995)
GP	Narita <i>et al.</i> , " α_2 -Macroglobulin Complexes with and Mediates the Endocytosis of β -Amyloid Peptide via Cell Surface Low-Density Lipoprotein Receptor-Related Protein", <i>J. Neurochemistry</i> , <u>69</u> (5):1904-1911 (1997)
GQ	Neuberger <i>et al.</i> , "Recombinant antibodies possessing novel effector functions", <i>Nature</i> , <u>312</u> :604-608 (1984)
GR	Newton <i>et al.</i> , "Analysis of any point mutation in DNA. The amplification refractory mutation system (ARMS)", <i>Nucleic Acids Res.</i> , <u>17</u> (7):2503-2516 (1989)
GS	Nickerson <i>et al.</i> , "Automated DNA Diagnostics Using an ELISA-Based Oligonucleotide Ligation Assay", <i>Proc. Natl. Acad. Sci.</i> , <u>87</u> :8923-8927 (1990)
GT	Nickerson <i>et al.</i> "Random Mutagenesis-PCR to Introduce Alterations Into Defined DNA Sequences for Validation of SNP and Mutation Detection Methods", <i>Human Mutation</i> , <u>17</u> (3):210-219 (2001)
GU	Novack <i>et al.</i> "Detection of single base-pair mismatches in DNA by chemical modification followed by electrophoresis in 15% polyacrylamide gel", <i>Proc. Natl. Acad. Sci. USA</i> , <u>83</u> :586-590 (1986)
GV	Nyrén <i>et al.</i> , "Solid Phase DNA Minisequencing by an Anzymatic Luminometric Inorganic Pyrophosphate Detection Assay", <i>Analytical Biochem.</i> , <u>208</u> :171-175 (1993)
GW	O'Donovan <i>et al.</i> "Blind Analysis of Denaturing High-Performance Liquid Chromatography as a Tool for Mutation Detection", <i>Genomics</i> , <u>52</u> (1):44-49 (1998)
GX	O'Hare <i>et al.</i> , "Transformation of mouse fibroblasts to methotrexate resistance by a recombinant plasmid expressing a prokaryotic dihydrofolate reductase", <i>Proc. Natl. Acad. Sci. USA</i> , <u>78</u> (3):1527-1531 (1981)

EXAMINER

DATE CONSIDERED

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	APPLICANT Becker, <i>et al.</i>	CUSTOMER NO. 24961	
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

GY	Orita <i>et al.</i> , "Detection of polymorphisms of human DNAs by gel electrophoresis as single-strand conformation polymorphisms", <i>Proc. Natl. Acad. Sci. USA</i> , <u>86</u> :2766-2770 (1989)
GZ	Orlandi <i>et al.</i> , "Cloning immunoglobulin variable domains for expression by the polymerase chain reaction", <i>Proc. Natl. Acad. Sci. USA</i> , <u>86</u> :3833-3837 (1989)
HA	Ouchterlony <i>et al.</i> , "Immunodiffusion and immunoelectrophoresis", Chap. 19, <u>Handbook of Experimental Immunology</u> , D. Wier (Ed.), Blackwell, pp. 19.1-19.39 (1973)
HB	Pearson <i>et al.</i> , "Improved tools for biological sequence comparison", <i>Proc. Natl. Acad. Sci. USA</i> , <u>85</u> :2444-2448 (1988)
HC	Perry and Davies, "The Use of 3D Modelling Databases for Identifying Structure Activity Relationships", <u>OSAR: Quantitative Structure-Activity Relationships in Drug Design</u> , Alan R. Liss, Inc., pp. 189-193 (1989)
HD	Phizicky <i>et al.</i> , "Protein-Protein Interactions: Methods for Detection and Analysis", <i>Microbiological Reviews</i> , <u>59</u> (1):94-123 (1995)
HE	Prezant <i>et al.</i> , "Trapped-Oligonucleotide Nucleotide Incorporation (TONI) Assay, a Simple Method for Screening Point Mutations", <i>Hum. Mutation</i> , <u>1</u> :159-164 (1992)
HF	Price <i>et al.</i> , "Mutant Genes in Familial Alzheimer's Disease and Transgenic Models", <i>Annu. Rev. Neurosci.</i> , <u>21</u> :479-505 (1998)
HG	Prosser, J., "Detecting single-base mutations", <i>TIBTECH</i> , <u>11</u> :238-246 (1993)
HH	Rabinowitz <i>et al.</i> , "A Unified Approach to Adjusting Association Tests for Population Admixture with Arbitrary Pedigree Structure and Arbitrary Missing Marker Information", <i>Hum Hered</i> , <u>50</u> :211-223 (2000)
HI	Ripka, W., "Computers picture the perfect drug", <i>New Scientist</i> , <u>June</u> :54-57 (1988)
HJ	Rosenbaum <i>et al.</i> , "Temperature-gradient gel electrophoresis; Thermodynamic analysis of nucleic acids and proteins in purified form and in cellular extracts", <i>Biophys. Chem.</i> , <u>26</u> :235-246 (1987)
HK	Rosenberg, M.J., "ClinAccess™: An Integrated Client/Server Approach to Clinical Data Management and Regulatory Approval", <i>Proceedings of the 21st Annual SAS Users Group International Conference</i> , March 10-13, 1996, SAS Institute, Inc., Cary, North Carolina, pp. 1190-1198 (1996)
HL	Rotivinen <i>et al.</i> , "Computer-Aided Drug Design", <i>Acta Pharmaceutical Fennica</i> , <u>97</u> :159-166 (1988)

EXAMINER

DATE CONSIDERED

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

HM	Ruano and Kidd, "Direct haplotyping of chromosomal segments from multiple heterozygotes via allele-specific PCR amplification", <i>Nucleic Acids Res.</i> , <u>17(20)</u> :8392 (1989)
HN	Saiki <i>et al.</i> , "Analysis of enzymatically amplified β -globin and HLA-DQ α DNA with allele-specific oligonucleotide probes", <i>Nature</i> , <u>324</u> :163-166 (1986)
HO	Saiki <i>et al.</i> , "Genetic analysis of amplified DNA with immobilized sequence-specific oligonucleotide probes", <i>Proc. Natl. Acad. Sci. USA</i> , <u>86</u> :6230-6234 (1989)
HP	Saleeba <i>et al.</i> , "Chemical Cleavage of Mismatch to Detect Mutations", <i>Meth. Enzymol.</i> , <u>217</u> :286-295 (1993)
HQ	Sali and Blundell, "Comparative Protein Modelling by Satisfaction of Spatial Restraints", <i>J. Mol. Biol.</i> , <u>234</u> :779-815 (1993)
HR	Sanger <i>et al.</i> , "DNA sequencing with chain-terminating inhibitors", <i>Proc. Natl. Acad. Sci. USA</i> , <u>74(12)</u> :5463-5467 (1977)
HS	Santerre <i>et al.</i> , "Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells", <i>Gene</i> <u>30(1-3)</u> :147-156 (1984)
HT	Sauer <i>et al.</i> , "A novel procedure for efficient genotyping of single nucleotide polymorphisms", <i>Nucleic Acids Res.</i> , <u>28(5)</u> :e13 (2000)
HU	Saunders <i>et al.</i> , "Genetic Variation in Alpha2-Macroglobulin and A β Catabolism", Soc. Society for Neuroscience's 31st Annual Meeting, San Diego, California, November 10-13, 2001, <i>Neurosci. Abstr.</i> , Vol. 27, Program No. 572.14 (2001)
HV	Saunders <i>et al.</i> , Slides (15) from Presentation at the Society for Neurosciences 31st Annual Meeting, San Diego, California, November 11, 2001
HW	Schneider, I., "MSI Offers Drug Discovery Software", <i>Genetic Engineering News</i> , pp. 20, 50, 55 (Dec. 1998)
HX	Schriml <i>et al.</i> , "Use of Denaturing HPLC to Map Human and Murine Genes to Validate Single-Nucleotide Polymorphisms", <i>BioTechniques</i> , <u>28(4)</u> :740-744 (2000)
HY	Scott <i>et al.</i> , "Further Evidence Linking Late-Onset Alzheimer Disease With Chromosome 12", <i>JAMA</i> , <u>281(6)</u> :513-514 (1999)
HZ	Sheffield <i>et al.</i> , "Attachment of a 40-base-pair G + C-rich sequence (GC-clamp) to genomic DNA fragments by the polymerase chain reaction results in improved detection of single-base changes", <i>Proc. Natl. Acad. Sci. USA</i> , <u>86</u> :232-236 (1989)

EXAMINER

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

IA	Sheffield <i>et al.</i> , "Identification of Novel Rhodopsin Mutations Associated with Retinitis Pigmentosa by GC-clamped Denaturing Gradient Gel Electrophoresis", <i>Am. J. Hum. Genet.</i> , <u>49</u> :699-706 (1991)
IB	Shenk <i>et al.</i> , "Biochemical method for mapping mutational alterations in DNA with S1 nuclease: the location of deletions and temperature-sensitive mutations in simian virus 40", <i>Proc. Natl. Acad. Sci. USA</i> <u>72</u> (3):989-993 (1975)
IC	Skopek <i>et al.</i> "Analysis of sequence alterations in a defined DNA region: comparison of temperature-modulated heteroduplex analysis and denaturing gradient gel electrophoresis", <i>Mutation Res.</i> , <u>430</u> :13-21 (1999)
ID	Smith <i>et al.</i> , "Molecular Engineering of the <i>Autographa californica</i> Nuclear Polyhedrosis Virus Genome: Deletion Mutations Within the Polyhedrin Gene", <i>J. Virology</i> , <u>45</u> (2):584-593 (1983)
IE	Sokolov, B.P., "Primer extension technique for the detection of single nucleotide in genomic DNA", <i>Nucleic Acids Res.</i> , <u>18</u> (12):3671 (1989)
IF	Sowdhamini <i>et al.</i> , "Structural and functional analogy between pneumolysin and proaerolysin", <i>Protein Engineering</i> , <u>10</u> (3):207-215 (1997)
IG	Spiegelman <i>et al.</i> , "High-Accuracy DNA Sequence Variation Screening by DHPLC", <i>BioTechniques</i> , <u>29</u> (5):1084-1092 (2000)
IH	Spielman <i>et al.</i> , "A Sibship Test for Linkage in the Presence of Association: The Sib Transmission/Disequilibrium Test", <i>Am. J. Hum. Genet.</i> , <u>62</u> :450-458 (1998)
II	Spielman <i>et al.</i> , "Transmission/disequilibrium test (TDT) for linkage and linkage disequilibrium between disease and marker", <i>Am. J. Hum. Genet. (Suppl.)</i> <u>53</u> :363 (1993)
IJ	Syvänen <i>et al.</i> , "A Primer-Guided Nucleotide Incorporation Assay in the Genotyping of Apolipoprotein E", <i>Genomics</i> , <u>8</u> :684-692 (1990)
IK	Syvänen <i>et al.</i> , "Identification of Individuals by Analysis of Biallelic DNA Markers, Using PCR and Solid-Phase Minisequencing", <i>Am. J. Hu. Genet.</i> , <u>52</u> :46-59 (1993)
IL	Szybalska and Szybalski, "Genetics of Human Cell Lines, IV. DNA-Mediated Heritable Transformation of a Biochemical Trait", <i>Proc. Natl. Acad. Sci. USA</i> , <u>48</u> :2026-2034 (1962)
IM	Takeda <i>et al.</i> , "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences", <i>Nature</i> , <u>314</u> :452-454 (1985)
IN	Tanzi <i>et al.</i> , "New Frontiers in Alzheimer's Disease Genetics", <i>Neuron</i> , <u>32</u> :181-184 (2001)

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

IO	Tanzi, R., "The Search for Novel Alzheimer's Disease Genes", <i>Neurobiology of Aging</i> , Abstract, <u>23</u> :S10 (2002)
IP	Tanzi, R., Slides (31) from Presentation at the 2002 International Conference on Alzheimer's Disease and Related Disorders, Stockholm (July 20, 2002)
IQ	Tanzi, R., Slides (38) from Presentation at The Society for Neurosciences 31st Annual Meeting, San Diego, California, (November 10, 2001)
IR	Thompson <i>et al.</i> , "Germ Line Transmission and Expression of a Corrected HPRT Gene Produced by Gene Targeting in Embryonic Stem Cells", <i>Cell</i> , <u>56</u> :313-321 (1989)
IS	Tobe <i>et al.</i> , "Single-well Genotyping of Diallelic Sequence Variations by a Two-Color ELISA-based Oligonucleotide Ligation Assay", <i>Nucleic Acids Res.</i> , <u>24</u> (19):3728-3732 (1996)
IT	Ugozzoli <i>et al.</i> , "Detection of Specific Alleles by Using Allele-Specific Primer Extension Followed by Capture on Solid Support", <i>GATA</i> , <u>9</u> (4):107-112 (1992)
IU	Vaitukaitis <i>et al.</i> , "A Method for Producing Specific Antsera with Small Doses of Immunogen", <i>J. Clin. Endocr.</i> , <u>33</u> :988-991 (1971)
IV	van den Bosch <i>et al.</i> "Mutation analysis of the entire mitochondrial genome using denaturing high performance liquid chromatography", <i>Nucleic Acids Res.</i> , <u>28</u> (20):e89 (2000)
IW	Van Der Putten <i>et al.</i> , "Efficient insertion of genes into the mouse germ line via retroviral vectors", <i>Proc. Natl. Acad. Sci. USA</i> , <u>82</u> :6148-6152 (1985)
IX	Van Heeke <i>et al.</i> , "Expression of Human Asparagine Synthetase in <i>Escherichia coli</i> ", <i>J. Biol. Chem.</i> , <u>264</u> (10):5503-5509 (1989)
IY	Van Holde, K.E., "X-Ray Diffraction", <i>Physical Biochemistry</i> , Prentice-Hall, New Jersey, Chp. 11, pp. 221-239 (1971)
IZ	Wallace <i>et al.</i> , "Hybridization of synthetic oligodeoxyribonucleotides to $\Phi\chi$ 174 DNA: the effect of single base pair mismatch", <i>Nucleic Acids Res.</i> , <u>6</u> (11):3543-3557 (1979)
JA	Wartell <i>et al.</i> "Detecting base pair substitutions in DNA fragments by temperature-gradient gel electrophoresis", <i>Nucleic Acids Res.</i> , <u>18</u> (9):2699-2705 (1990)
JB	Wells, J.A., "Systematic Mutational Analyses of Protein-Protein Interfaces", <i>Meth. Enzymol.</i> , <u>202</u> :390-411 (1991)
JC	White <i>et al.</i> , "Detecting Sinble Base Substitutions as Heteroduplex Polymorphisms", <i>Genomics</i> , <u>12</u> :301-306 (1992)

EXAMINER

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FORM PTO-1449

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6501LIST OF PATENTS AND PUBLICATIONS FOR
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STATEMENTAPPLICANT
Becker, *et al.*CUSTOMER NO.
24961FILING DATE
June 26, 2003GROUP
1646

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

JD	Wigler <i>et al.</i> , "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells", <i>Cell</i> , <u>11</u> :223-232 (1977)
JE	Wigler <i>et al.</i> "Transformation of mammalian cells with an amplifiable dominant-acting gene", <i>Proc. Natl. Acad. Sci. USA</i> , <u>77</u> (6):3567-3570 (1980)
JF	Winter <i>et al.</i> , "Man-made antibodies", <i>Nature</i> , <u>349</u> :293-299 (1991)
JG	Wolford <i>et al.</i> "High-throughput SNP detection by using DNA pooling and denaturing high performance liquid chromatography (DHPLC)", <i>Hum. Genet.</i> , <u>107</u> (5):483-487 (2000)
JH	Young, K.H., "Yeast Two-Hybrid: So Many Interactions, (in) So Little Time...", <i>Biology of Reproduction</i> , <u>58</u> :302-311 (1998)

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